Approved For Release 2005/11/21 : CIA-RDP78B04770A002500060004-6

LABORATORY SPACE REQUIREMENTS FOR: PLANS & TECH. DEVELOPMENT STAFF

General Requirements:

1. All rooms must have 5' door arrangements (can be double doors) low light levels in access halls serving laboratory areas.
2. One Staff Conference Room capable of 20 people.
3. One Staff Conference Room for 6 people.
4. Lab. and Service Rooms reached only through Personnel Areas.

Rooms:

1. Sensitometry
2. Dry Chemistry
3. Optical Bench
   [redacted] Spatial Filter
4. [redacted] Devices
   Image Qual Meter
   Image Enhances
5. Microscopy Room
   Image Integration
6. [redacted] Rectifier
7. Electronic Lab.
8. Maint. & Spare Room
9. Cine Room & Resolution (Photo Studio)
10. Two (2) Photo Labs. (wet)
11. Equipment Check and Acceptance

25X1

25X1

25X1

Declass Review by NGA.

Approved For Release 2005/11/21 : CIA-RDP78B04770A002500060004-6

Room Requirements:

1. Sensitometry (dry)
   a. 110 V. AC bright & dim (15 W)
   b. Safe lights
   c. Temperature and humidity controlled ± 5° and 5° humidity
   d. 10 x 12 ft. (min)
   e. Near wet lab.

2. Dry Chemistry
   a. 110 V. AC (25 W)
   b. 12 x 15 (nominal)
   c. Tap water and small chem. sink
   d. Exhausted hooded - hot plate
   e. Safety shower
   f. Temp & humidity ± 5°

3. Optical Test (dry)
   a. 110 V. AC (25 W)
   b. Bright and dim white light
   c. Safe lights
   d. 110 V. D.C. 25 W.
   e. Temp and humidity ± 5°
   f. 12 x 20 ft. (min)
   g. Access to wet lab.

Approved For Release 2005/11/21 : CIA-RDP78B04770A002500060004-6

Approved For Release 2005/11/21 : CIA-RDP78B04770A002500060004-6

4. Wet Labs - 2 Each

   a. 12 x 15

   b. 110 V. AC (15 W) off locking

   c. Safe lights

   d. 68° H_2O temp. controlled 6 G. P. M.

   e. Straight city water

   f. Adequate drainage

   g. Light trapped doors

   h. Temp. and humidity ± 5°

5. Image Analysis Room [redacted] 25X1

   a. 110 V. AC (25 W)

   b. Safe lights

   c. Temp. and humidity ± 5°

   d. 12 x 15

   e. Vicinity of wet lab.

6. Microscopy Room - Image Integrator

   a. 110 V. AC (25 W)

   b. Safe lights

   c. Dust free - 5 micron and over

   d. Temp. and humidity ±2° and 2%

   e. 12 x 15 (nominal)

Approved For Release 2005/11/21 : CIA-RDP78B04770A002500060004-6

Approved For Release 2005/11/21 : CIA-RDP78B04770A002500060004-6

25X1

7. [redacted] Rectifier

a. 12 x 20 (min)

b. 110 V. 15 W.

c. 220 V. 30 W.

d. Adjacent to wet lab.

e. Screened and grounded for signal isolation (see memo

25X1 [redacted]

f. Pass through to wet lab.

g. Safe lights

h. Temp. and humidity ± 5° and 5%

8. Cine Room

a. White color or light grey walls (color accuracy)

b. 12 x 20 (min)

c. 110 V. AC (25 W or above)

d. Temp. and humidity ± 5° and 5%
(high heat out put of flood lights to be considered)

9. Electronic Lab.

a. 12 x 15

b. 110 V. AC (25 W)

c. 110 V. DC

d. Screening - desirable but not mandatory

e. Temp. and humidity ± 5° and 5%

Approved For Release 2005/11/21 : CIA-RDP78B04770A002500060004-6

Approved For Release 2005/11/21 : CIA-RDP78B04770A002500060004-6

10. Spares and Maint. Room

a. 12 x 20

b. 110 V. AC (25 W)

c. 110 V. DC (20 W)

d. Compressed air

e. Hand type sink - hot and cold H_2O

Approved For Release 2005/11/21 : CIA-RDP78B04770A002500060004-6